

Abstract

Title: Constructions of central projections

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Abstract: The subject of the thesis is the central projection and construction tasks solved in this type of projection. The bachelor thesis describes an explanation of the basic principle of the central projection based on 12 solved stepped construction tasks. One chapter deals with the Platonic solids – tetrahedron, cube, octahedron, dodecahedron, icosahedron, and one of the chapters is devoted to a sphere. The sample examples include solutions in the 3D space and also in the projection plane. In addition to traditional tasks, the bachelor thesis contains distorted views too.

Keywords: central projection, center of projection, vanish point and vanish line